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04/30/2003

Ursula Buki
Ursula Buki

#13/B
1/3
5/8/3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **TAUBER et. al**

Serial No.: **09/845,108**

Filed: **April 26, 2001**

**For: RARE EARTH METAL COMPOUNDS FOR USE IN HIGH CRITICAL
TEMPERATURE THIN FILM SUPER-CONDUCTORS, FERROELECTRICS,
PYROELECTRICS, PIEZOELECTRICS, AND HYBRIDS**

Attorney

Docket No.: **CECOM-5469**

Examiner: **Bos, S.**

GAU: 1754

Assistant Commissioner of Patents
Washington, D.C. 20231

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TC 1700

AMENDMENT AFTER FINAL REJECTION

Sir:

This Amendment is submitted as a Request For Continuing Examination in response to the second and final Office Action dated January 14, 2003, Paper No. 10 and the Examiner's Interview of March 10, 2003 with Examiner Bos, which was met with appreciation by the Applicants and their attorney. The Examiner's Interview advanced the prosecution of the above-identified application and the results of those discussions are included within this Amendment. Pursuant to that Examiner's Interview, please amend the above-identified application, as follows:

IN THE CLAIMS:

1. (Amended) Dielectric substrates of the general formula $\text{Sr}_2\text{RESbO}_6$, further comprising:

said RE is a rare earth metal selected from the group consisting of Lutetium, Ytterbium, Thulium, Erbium, Holmium, Dysprosium, Yttrium, Lanthanum, Gadolinium, Samarium, Praseodymium, Europium, Neodymium and Terbium; and

said general formula including an Sb^{5+} constituent atom with a polarizability of about 1.2



RCE/1754
\$

PTO/SB/30 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Request For Continued Examination (RCE) Transmittal

Address to:
Commissioner for Patents
Box RCE
Washington, DC 20231

Application Number	09/845,108
Filing Date	April 26, 2001
First Named Inventor	Arthur Tauber
Art Unit	1754
Examiner Name	S. Bos
Attorney Docket Number	CECOM 5469

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#10/43
5/8/03

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114

- a. ☐ Previously submitted
- i. ☐ Consider the amendment(s)/reply under 37 CFR 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Rely Brief previously filed on _____
- iii. ☐ Other _____
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/ Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other _____

2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other _____

3. Fees

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-2201
- a. ☒ RCE fee required under 37 CFR 1.17(e) 05/07/2003 AMONDAF1 00000029 192201 09845108
- ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17) 01 FC:1801 750.00 CH
- iii. ☐ Other _____
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	George B. Tereschuk	Registration No. (Attorney/Agent)	37,558
Signature	<i>George B. Tereschuk</i>	Date	30 April 2003

CERTIFICATE OF MAILING OR TRANSMISSION

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Name (Print/Type)	Ursula Buki	Date	30 April 2003
Signature	<i>Ursula Buki</i>		

Page 1 of 2

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box RCE, Washington, DC 20231.

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PTO/SB/17 (01-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 860.00

Complete if Known

Application Number	09/845,108
Filing Date	04/26/2001
First Named Inventor	Arthur Tauber
Examiner Name	S. Bos
Art Unit	1754
Attorney Docket No.	CECOM 5469

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

19-2201

U.S. Army

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20** =		X			
Multiple Dependent		-3** =		X			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	\$110
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	\$750
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 860

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	George B. Teveschuk	Registration No. (Attorney/Agent)	37,558	Telephone (732)	532-9795
Signature	<i>George B. Teveschuk</i>	Date	30 April 2003		

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